

## **CLEAN COPY OF CLAIMS**

3. Safety system according to claim 1, characterised in that it further comprises means of determining the position of the elevator car (20) in the elevator shaft (1), these means being connected to a synthesis unit (4), the state of the elevator landing doors (21) also being determined according to the position, provided by the means of determining the position of the car.

6. Safety system according to claim 1, characterised in that it comprises means of attributing (41) a critical state, to the elevator landing doors (21) if the car (20) has stopped at a landing in line with an elevator landing door, and if another elevator landing door has been detected as being unlocked, or if the car has been detected between two landings and at least one elevator landing door has been detected as being unlocked.

7. Safety system according to claim 1, characterised in that the alarm signal devices comprise means of sound and/or light signalling installed in the elevator shaft (1).

8. Safety system according to claim 1, characterised in that the alarm signal devices comprise means of alarm signalling (16) installed in the caretaker's premises.

9. Safety system according to claim 1, characterised in that the synthesis unit (4) is linked to means of transmitting the state of the elevator landing doors to a remote maintenance system.

11. Safety system according to claim 9, characterised in that the means of transmitting comprise a PSTN type telephone transmitter backed up by a GSM type transmitter.